

Amendments to the Specification:

Please replace the paragraphs beginning at page 1, line 26 with the following rewritten paragraphs:

This object is achieved by ~~the apparatus according to the invention as specified in claim 1~~ a display device comprising a plurality of independently addressable pixels, wherein said pixels comprise: a first substrate; a second substrate; a polyelectrochromic material disposed between said first substrate and said second substrate; at least two independent electrodes associated with said first substrate; an independent counter-electrode associated with said second substrate; wherein each respective electrode is connected to an independently controllable voltage source; said display device having means for controlling the voltage applied to each respective electrode for producing non-uniform electric fields in the polyelectrochromic material in each pixel, for causing partial switching of the polyelectrochromic material from a first color state to a second color state for generating an area ratio defined pixel color state.

A further object of the invention is to provide an improved method for providing full color to an electrochromic display appliance.

This object is achieved by ~~the method according to the invention as claimed in claim 7~~ a method for generating analog color states in a pixel of a display device having a first substrate; a second substrate; a polyelectrochromic material disposed between said first substrate and said second substrate, comprising: providing at least two independent electrodes to be associated with said first substrate; providing an independent counter-electrode to be associated with said second substrate; providing connection of each respective electrode to an independently controllable voltage source; providing means for controlling the voltage applied to each respective electrode for producing non-uniform electric fields in the polyelectrochromic material in each pixel, for causing partial switching of the polyelectrochromic material from a first color state to a second color state to generate an area ratio defined pixel color state.

Yet another object of the invention is to provide an improved computer program product stored on a computer readable medium comprising software code portions for achieving the apparatus and method for providing full color to an electrochromic display appliance when said product is run on a computer.

This object is achieved by ~~the computer program product according to the invention as specified in claim 10~~ a computer program product directly loadable into the internal memory of a digital computer comprising software code portions for performing the following steps when said product is run on a computer: providing to at least two independent electrodes of an independently addressable pixel of an electrochromic display device a connection to an independently controllable voltage source; providing control of the voltage applied to each respective electrode for producing non-uniform electric fields in the polyelectrochromic material in each pixel; and providing control of the time during which voltage is applied to each respective electrode.